WHAT IS CLAIMED IS:

- 1. A substrate cleaning apparatus for cleaning a substrate of a liquid crystal display panel comprising:
 - a first cleaning module on a substrate, said substrate having upper and lower surfaces; and a side-cleaning module at a side surface of the substrate.
- 2. The apparatus of claim 1, wherein the side-cleaning module includes a brush cleaner.
- 3. The apparatus of claim 2, wherein the brush cleaner extends partially along the side surface of the substrate.
- 4. The apparatus of claim 2, wherein the brush cleaner of the side-cleaning module is rotatable.
- 5. The apparatus of claim 2, wherein the side-cleaning module further comprises a water jet device.
- 6. The apparatus of claim 5, wherein the water jet device generates ultrasonic waves onto the side surface of the substrate.
- 7. The apparatus of claim 5, wherein the water jet device generates ultrasonic waves onto the side surface of the substrate at a high pressure.

- 8. The apparatus of claim 1, wherein the side-cleaning module comprises a vibration generating device.
- 9. The apparatus of claim 8, wherein the vibration generating device includes a sonar.
- 10. The apparatus of claim 8, wherein the vibration generating device generates ultrasonic waves onto the side surface of the substrate.
- 11. The apparatus of claim 8, wherein the vibration generating device jets water onto the side surface of the substrate.
- 12. The apparatus of claim 1, wherein the first cleaning module includes a brush cleaner.
- 13. A method of cleaning a substrate of a liquid crystal display panel comprising:

providing a first cleaning module on a substrate, said substrate having upper and lower surfaces;

providing a side-cleaning module on a side surface of the substrate;

removing foreign substances on a side surface of the substrate using the side-cleaning module; and

removing foreign substances on the upper and lower surface of the substrate using the cleaning module.

14. The method of claim 13, wherein the side-cleaning module is rotatable.

- 15. The method of claim 14, wherein the side-cleaning module extends partially along the side surface of the substrate.
- 16. The method of claim 13, wherein the first cleaning module is rotatable.
- 17. The method of claim 13, wherein the first cleaning module includes upper and lower cleaning brushes.
- 18. The method of claim 17, wherein the upper and lower cleaning brushes are arranged at the upper and lower surfaces of the substrate, respectively.
- 19. The method of claim 13, further comprising cleaning the side surface of the substrate using a water jet device.
- 20. The method of claim 19, wherein the water jet device generates ultrasonic waves.
- 21. The method of claim 19, wherein the cleaning step includes jetting water onto the side surface of the substrate at a high pressure.
- 22. The method of claim 21, wherein the water includes de-ionized water.
- 23. A method of cleaning a substrate of a liquid crystal display panel comprising:

providing a cleaning module at a substrate, said substrate having upper and lower surfaces;

providing a side-cleaning module arranged at a side surface of the substrate;

removing foreign substances on a side surface of the substrate using the side-cleaning module;

removing foreign substances on the upper and lower surface of the substrate using the cleaning module; and

cleaning the side surface of the substrate using a water jet device.

- 24. The method of claim 23, wherein the water jet device causes vibration on the side surface of the substrate.
- 25. The method of claim 24, wherein the vibration is generated by ultrasonic waves.
- 26. The method in claim 23, wherein the cleaning step includes jetting water onto the side surface of the substrate at a high pressure.
- 27. The method of claim 26, wherein the water includes de-ionized water.